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(54) Title: PRODUCTION OF TACROLIMUS (FK-506) USING NEW STREPTOMYCES SPECIES

(57) Abstract: The invention relates to a new microorganism *Streptomyces glaucescens* MTCC 5115 and a process for producing the immunosuppressant agent, tacrolimus (FK-506) utilizing the new microorganism *Streptomyces glaucescens* MTCC 5115. The invention also relates to pharmaceutical compositions that include the tacrolimus (FK-506) and use of said compositions for treatment or prevention of the transplantation rejection of organs or tissues such as heart, kidney, liver, medulla ossium, skin, etc.